

Title (en)

Sizing agents for carbon fibres for composite material and process for preparing same.

Title (de)

Schlichtemittel für Kohlenstoffasern für Verbundmaterial und Verfahren zur Herstellung des Materials.

Title (fr)

Produit d'ensimage de fibres de carbone pour matériau composite et procédé de fabrication de ce matériau.

Publication

EP 0398775 A1 19901122 (FR)

Application

EP 90401095 A 19900424

Priority

FR 8905598 A 19890427

Abstract (en)

The reactive sizing product for carbon fibres which are intended to be embedded in a resin capable of being cured by an X or beta radiation by a radical mechanism consists of a monomer containing at least one functional group (F1) capable of forming a covalent chemical bond with the hydroxyl sites of the carbon fibres and an ethylenic unsaturation (F2) capable of crosslinking with the resin when it is cured under irradiation.

IPC 1-7

C08J 5/06

IPC 8 full level

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CPC (source: EP)

C08J 5/06 (2013.01)

Citation (search report)

- [AD] EP 0256852 A2 19880224 - TOA NENRYO KOGYO KK [JP]
- [AD] US 3398210 A 19680820 - PLUEDDEMANN EDWIN P, et al
- [AD] FR 2564029 A1 19851115 - AEROSPATIALE [FR]

Cited by

EP1110946A3

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BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0398775 A1 19901122; EP 0398775 B1 19930929; CA 2015476 A1 19901027; CA 2015476 C 20010213; DE 398775 T1 19910502; DE 69003592 D1 19931104; DE 69003592 T2 19940407; DK 0398775 T3 19940228; ES 2045838 T3 19940116; FR 2646431 A1 19901102; FR 2646431 B1 19930122; JP 2837234 B2 19981214; JP H0333270 A 19910213; NO 176573 B 19950116; NO 176573 C 19950426; NO 901743 D0 19900419; NO 901743 L 19901029

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